PRODUCT DATA SHEET

Q8 van Gogh EP 68

High performance turbine oil

Description

Q8 van Gogh EP 68 is a high performance turbine oil based on selected premium base fluids.
This product is developed for use in steam and gas turbines as well as combined cycle applications, including geared turbines.
Q8 van Gogh EP 68 meet the challenges of the latest generation turbines making it suitable to operate under mild to severe conditions.
Designed as part of the Q8Oils clean technology program to ensure superior varnish/deposit control and good load carrying capabilities in combination with long oil life.

Applications

Industrial steam- and gas turbines, including geared turbines and combined cycle operations
Hydroelectric turbines
Circulation systems where turbine oil quality is required
Centrifugal- and axial pumps, and turbo-compressors, where turbine oil quality is recommended

Features	Benefits
Turbine performance	*Long trouble free service life, excellent turbine protection and outstanding resistance against ageing*
Enhanced technology	*Developed with outstanding anti-wear/extreme pressure protection to meet the load carrying requirements of geared turbines*
Lower operational costs	*Specifically developed with excellent protection against the formation of varnish*

Specifications & Approvals

ASTM	D 4304, Type II (EP)	**ISO**	6743-5 L-TGE
British Standard	489	**ISO**	6743-5 L-TSE
DIN	51515-1 L-TDP	**JIS**	K 2213 Type 2
GE Energy	GEK 28143		

Properties

	Method	Unit	Typical
Density, 15 °C	*D 4052*	*g/ml*	*0,881*
Kinematic Viscosity, 40 °C	*D 445*	*mm²/s*	*68.0*
Kinematic Viscosity, 100 °C	*D 445*	*mm²/s*	*8.66*
Viscosity Index	*D 2270*	*-*	*98*
Total Acid Number	*D 974*	*mg KOH/g*	*0.13*
Pour Point	*D 97*	*°C*	*-12*
Flash Point, COC	*D 92*	*°C*	*240*
Colour	*D 1500*	*-*	*L 1.0*
Air Release, 50 °C	*D 3427*	*min*	*4*
Rust Test, Proc. A and B, 24 h	*D 665*	*-*	*pass*
FZG Test, A/8.3/90	*DIN 51354*	*load stage*	*10*

The figures above are not a specification. They are typical figures obtained within production tolerances.

Sustainability

*The product Carbon Footprint (PCF), cradle-to-gate (Q8Oils state of the art facility in Belgium), of Q8 van Gogh EP 68 is **1.21** kg CO_2eq / kg.*
Please contact Q8Oils to learn more about the positive environmental impact, the handprint, of this product.
To ensure accuracy and reliability, the PCF calculation tool has been verified by an independent third party. The verification report is available in the disclaimer.
For more info check here

we take care

PRODUCT CARBON FOOTPRINT
METHOD VALIDATED BY:

PCF CALCULATION IN LINE WITH:
ISO 14067 | ATIEL-UEIL PCF

VINÇOTTE